AMENDMENT AND PRESENTATION OF CLAIMS

Please replace all prior claims in the present application with the following claims, in which claims 1, 21, 22, 25, 26, 28-30, 33, and 36-39 are currently amended. No new matter is introduced.

1. (Currently Amended) An apparatus for signaling an integrated Messaging System (IMS) on an Internet Protocol (IP) based network to deposit a message, comprising:

means for sending a Session Initiation Protocol (SIP) INVITE request to the IMS indicating a message deposit action;

means for receiving a corresponding SIP message from the IMS agreeing to participate in the message deposit action; and

means for sending an SIP acknowledge message to the IMS confirming receipt of the corresponding SIP message.

2. (Original) The apparatus of claim 1, further comprising means for depositing the message in a destination mailbox.

3. (Original) The apparatus of claim 2, wherein the deposited message includes voice data.

4. (Original) The apparatus of claim 2, wherein the deposited message includes video data.

5. (Original) The apparatus of claim 1, wherein the SIP INVITE request includes a Require header following the SIP Require header protocol extension mechanism.

6. (Original) The apparatus of claim 5, wherein the Require header includes at least a first and second parameter, wherein the first parameter indicates the message deposit action to the IMS and the second parameter is a call forwarding parameter.

7. (Original) The apparatus of claim 6, wherein the call forwarding parameter identifies whether the message was deposited unconditionally or conditionally based on a busy signal condition of a called party or a no answer condition of the called party.

8. (Original) An apparatus for signaling an integrated Messaging System (IMS) on an Internet Protocol (IP) based network to retrieve a deposited message, comprising:

means for sending a Session Initiation Protocol (SIP) INVITE request to the IMS indicating a message retrieval action;

means for receiving a corresponding SIP message from the IMS agreeing to participate in the message retrieval action; and

means for sending an SIP acknowledge message to the IMS confirming receipt of the corresponding SIP message.

9. (Original) The apparatus of claim 8, wherein the IMS sends and receives messages from a secure Network Server (NS).

10. (Original) The apparatus of claim 8, further comprising the means for retrieving the deposited message from a mailbox corresponding to known account information.

11. (Original) The apparatus of claim 10, wherein the known account information includes an account identification which has been authenticated.

12. (Original) The apparatus of claim 10, wherein the known account information includes an account identification which is not authenticated, and wherein the method includes the further step of prompting a user for a password.

13. (Original) The apparatus of claim 12, further comprising means for asking the user for a user name and a new password when an incorrect password is entered for the prompted password.

14. (Original) The apparatus of claim 10, wherein the known account information includes no account identification, and wherein the method includes the further step of prompting a user for a user name and password.

15. (Original) The apparatus of claim 10, wherein the retrieved message includes voice data.

16. (Original) The apparatus of claim 10, wherein the retrieved message includes video.

17. (Original) The apparatus of claim 8, wherein the SIP INVITE request includes a Require header following the SIP Require header protocol extension mechanism.

18. (Original) The apparatus of claim 17, wherein the Require header includes at least a first parameter, wherein the first parameter indicates the message retrieval action to the IMS.

19. (Original) The apparatus of claim 8, wherein an IMS account user is notified when the deposited message is ready for retrieval.

20. (Original) An apparatus for signaling an Integrated Messaging System (IMS) on an Internet Protocol (IP) based network to deposit a message and retrieve the deposited message, comprising:

means for sending a Session Initiation Protocol (SIP) INVITE request to the IMS indicating a message deposit action;

means for receiving a corresponding SIP message from the IMS agreeing to participate in the message deposit action;

means for sending an SIP acknowledge message to the IMS confirming receipt of the corresponding SIP message;

means for depositing the message in a destination mailbox;

means for sending a Session Initiation Protocol (SIP) INVITE request to the IMS indicating a message retrieval action;

means for receiving a corresponding SIP message from the IMS agreeing to participate in the message retrieval action;

means for sending an SIP acknowledge message to the IMS confirming receipt of *the* corresponding SIP message; and

means for retrieving the deposited message from the destination mailbox, wherein the destination mailbox corresponds to known account information.

21. (Currently Amended) A method of signaling ~~the deposit of a message with an integrated messaging system on an internet protocol based~~ in a data network, the method comprising:

transmitting a ~~session initiation protocol INVITE~~ request to ~~an integrated~~ a messaging system according to a communication protocol that supports signaling for media transport over the data network, wherein the ~~session initiation protocol INVITE~~ request ~~indicating~~ specifies a ~~message~~ deposit ~~action~~ operation to deposit a message with the messaging system; and

receiving ~~a session initiation protocol~~ , in response to the request, an agreement message from the integrated messaging system, ~~the session initiation protocol agreement message corresponding to the session initiation protocol INVITE message, the session initiation protocol~~ wherein the agreement message also ~~indicating~~ specifies an agreement to ~~participate in the message deposit action ; and~~ the request for depositing of the message

~~sending an session initiation protocol acknowledge message to the integrated messaging system, the session initiation protocol acknowledge message confirming receipt of the session initiation protocol message indicating an agreement to participate in the message deposit action.~~

22. (Currently Amended) The method of claim 21, further comprising depositing a message corresponding to the ~~session initiation protocol INVITE~~ request in a destination mailbox.

23. (Original) The method of claim 22, wherein the deposited message includes voice data.

24. (Original) The method of claim 22, wherein the deposited message includes video data.

25. (Currently Amended) The method of claim 21, wherein <u>the communication protocol includes a session initiation protocol and the request is an INVITE request,</u> the session initiation protocol INVITE request ~~includes~~ <u>including</u> a Require header according to the session initiation protocol Require header protocol extension mechanism.

26. (Currently Amended) The method of claim 25, wherein the Require header includes a first parameter and a second parameter, wherein the first parameter indicates the ~~message~~ deposit ~~action~~ <u>operation</u> to the ~~integrated~~ messaging system and the second parameter is a call forwarding parameter.

27. (Original) The method of claim 26, wherein the call forwarding parameter identifies whether the message was deposited unconditionally or was deposited conditionally based on a busy signal condition of a called party or a no answer condition of the called party.

28. (Currently Amended) A method of signaling ~~the retrieval of a deposited message on an integrated messaging system on an internet protocol based~~ <u>in a data</u> network, <u>the method</u> comprising:

transmitting a ~~session initiation protocol INVITE~~ request to ~~the integrated~~ <u>a</u> messaging system <u>according to a communication protocol that supports signaling for media transport over the data network, wherein</u> the ~~session initiation protocol INVITE~~ request ~~indicating~~ <u>specifies</u> a ~~message~~ retrieval ~~action~~ <u>operation to retrieve a message from the messaging system; and</u>

receiving ~~a session initiation protocol~~ , in response to request, an agreement message from the ~~integrated~~ messaging system, ~~the session initiation protocol agreement message corresponding to the session initiation protocol INVITE request, and the session initiation protocol~~ wherein the agreement message ~~indicating~~ specifies agreement to ~~participate in the message retrieval action; and~~ the request for retrieval of the message

~~sending an session initiation protocol acknowledge message to the integrated messaging system confirming receipt of the session initiation protocol agreement message.~~

29. (Currently Amended) The method of claim 28, wherein the ~~integrated~~ messaging system sends and receives messages from a secure Network Server (NS).

30. (Currently Amended) The method of claim 28, further comprising retrieving the ~~deposited~~ message from a mailbox of the messaging system, the mailbox corresponding to known account information.

31. (Original) The method of claim 30, wherein the known account information includes an account identification which has been authenticated.

32. (Original) The method of claim 30, wherein the known account information includes an account identification which is not authenticated, and wherein the method includes the further step of prompting a user for a password.

33. (Currently Amended) The method of claim 32, further comprising ~~the step of asking~~ requesting the user for a user name and a new password when an incorrect password is entered for the prompted password.

34. (Original) The method of claim 30, wherein the known account information includes no account identification, and wherein the method includes the further step of prompting a user for a user name and password.

35. (Original) The method of claim 30, wherein the retrieved message includes voice data.

36. (Currently Amended) The method of claim 30, wherein the retrieved message includes video data.

37. (Currently Amended) The method of claim 28, wherein the communication protocol includes a session initiation protocol and the request is an INVITE request, the session initiation protocol INVITE request ~~includes~~ including a Require header following the session initiation protocol Require header protocol extension mechanism.

38. (Currently Amended) The method of claim 37, wherein the Require header includes at least a first parameter, wherein the first parameter indicates the message retrieval action to the ~~integrated~~ messaging system.

39. (Currently Amended) The method of claim 28, wherein an ~~integrated messaging system~~ account user <u>of the messaging system</u> is notified when the deposited message is ready for retrieval.

40. (Original) An apparatus for signaling the deposit of a message with an integrated messaging system on an internet protocol based network, comprising:

means for transmitting a session initiation protocol INVITE request to an integrated messaging system, the session initiation protocol INVITE request indicating a message deposit action;

means for receiving a session initiation protocol agreement message from the integrated messaging system, the session initiation protocol agreement message corresponding to the session initiation protocol INVITE message, the session initiation protocol agreement message also indicating an agreement to participate in the message deposit action; and

means for sending an session initiation protocol acknowledge message to the integrated messaging system, the session initiation protocol acknowledge message confirming receipt of the session initiation protocol message indicating an agreement to participate in the message deposit action.

41. (Original) The apparatus of claim 40, further comprising means for depositing a message corresponding to the session initiation protocol INVITE request in a destination mailbox.

42. (Original) The apparatus of claim 41, wherein the deposited message includes voice data.

43. (Original) The apparatus of claim 41, wherein the deposited message includes video data.